



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		ATTY. DOCKET NO. PC23015A				SERIAL NO. 10/626,826								
		APPLICANT Marcus E. Kehrl, Jr.												
		FILING DATE July 22, 2004				GROUP <u>1645</u> <del>to be designated</del>								
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS														
DOCUMENT NUMBER									DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<u>M</u>	WO	9	9	6	6	8	7	9	12/29/99	Int'l	A61K			
<u>M</u>	WO	0	1	0	4	2	7	1	1/18/01	Int'l	C12N	7/00		
<u>M</u>	WO	0	1	9	3	8	9	8	12/13/01	Int'l	A61K	38/19		
<u>M</u>	EP	1	0	9	5	6	6	1	5/2/01	EP	A61K	38/20		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
<u>M</u>			Suri Mandhir, et al., "Prophylactic Single and Sequential Cytokines (M-CSF, IL-12, IL-18) in combination with Antibiotics (Ab) Significantly Enhances Survival During Experimental Neonatal Murine Listeriosis: Implications for Enhancing Neonatal Immunity", <u>Pediatric Research</u> 53(4/2), p. 309A (2003), XP0009020958											
<u>M</u>			Mastroeni, et al., "Interleukin 18 Contributes to Host Resistance and Gamma Interferon Production in Mice Infected with Virulent Salmonella typhimurium", <u>Infection and Immunity</u> 67(2), p. 478-483 (1999), XP-002964670											
<u>M</u>			Dupre, et al., "Immunostimulatory effect of IL-18-encoding plasmid in DNA vaccination against murine Schistosoma mansoni infection", <u>Vaccine</u> 19, pp. 1373-1380 (2001), XP-4313950A											
<u>M</u>			Muneta, et al., "Expression of Interleukin-18 by Porcine Airway and Intestinal Epithelium", <u>Journal of Interferon and Cytokine Research</u> 22, pp. 883-889 (2002)											
<u>M</u>			La Pine, et al., "Priming Neonatal Mononuclear Cells with the Th-1 Cytokines IL-18 and IL-12 Corrects Defective Interferon-γ Production in Response to Group B Streptococci", <u>Pediatric Research</u> 51(4/2), p. 324A (2002), XP009020957											
EXAMINER	<u>MM Mansfield</u>				DATE CONSIDERED				<u>9/22/04</u>					
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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 6 2 0 7 6 4 1	3/27/01	Torigoe, et al.	514	12	

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER									DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>mm</i>	WO	9	9	1	8	9	9	2	4/22/99	International	A61K	38/19		
<i>mm</i>	WO	9	9	5	6	7	7	5	11/11/99	International	A61K	39/39		
<i>mm</i>	WO	9	9	5	9	5	6	5	11/25/99	International	A61K	31/13		
<i>mm</i>	WO	9	9	6	3	9	7	5	12/16/99	International	A61K	31/00		
<i>mm</i>	EP	0	8	4	5	5	3	0	6/3/98	Europe	C12N	15/12		
<i>mm</i>	JP	8	1	4	3	5	9	2	6/4/96	Japan	C07K	7/06		X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>mm</i>		Rajaraman, et al., "Effects of Replacement of Native Fat in Colostrum and Milk with Coconut Oil on Fat-Soluble Vitamins in Serum and Immune Function in Calves", <u>J. Dairy Sci</u> <b>80</b> , pp. 2380-2390 (1997)
<i>mm</i>		Arulanandam, et al., "Neonatal Administration of IL-12 Enhances the Protective Efficacy of Antiviral Vaccines", <u>The Journal of Immunology</u> , pp. 3698-3704 (2000)
<i>mm</i>		Shoda, et al., "Cloning of a cDNA Encoding Bovine Interleukin-18 and Analysis of IL-18 Expression in Macrophages and Its IFN- $\gamma$ -Inducing Activity", <u>Journal of Interferon and Cytokine Research</u> <b>19</b> , pp. 1169-1177 (1999)
<i>mm</i>		Fynan, et al., "DNA vaccines: Protective Immunizations by Parenteral, Mucosal, and Gene-gun Inoculations", <u>Proc. Natl. Acad. Sci</u> <b>90</b> , pp. 11487-11482 (1993)
<i>mm</i>		Saulnier, et al., "Immunomodulatory Effects in vivo of Recombinant Porcine Interferon Gamma on Leukocyte Functions of Immunosuppressed Pigs", <u>Ann Rech Vet</u> <b>22</b> , pp. 1-9 (1991)
<i>mm</i>		Ishikawa, et al., "Interferon- $\gamma$ Production of Mitogen Stimulated Peripheral Lymphocytes in Perinatal Cows", <u>J. Vet Med. Sci.</u> <b>56</b> (4), pp. 735-738 (1994)
<i>mm</i>		Hauser, et al., "Variation of Neutrophil Function with Age in Calves", <u>Am J. Vet Res</u> <b>47</b> (1), pp. 152-153 (1986)
<i>mm</i>		Chiang, et al., "Influence of Recombinant Bovine Interferon Gamma and Dexamethasone on Pneumonia Attributable to Haemophilus Somnus in Calves", <u>Am J Vet Res</u> <b>51</b> (5), pp. 759-762 (1990)
<i>mm</i>		Steinbeck, et al., "Activation of Bovine Neutrophils by Recombinant Interferon- $\gamma$ ", <u>Cellular Immunology</u> <b>98</b> , pp. 137-144 (1986)
<i>mm</i>		Ulmer, et al., "Heterologous Protection Against Influenza by Injection of DNA Encoding a Viral Protein", <u>Science</u> <b>259</b> , pp. 1745-1749 (1993)
<i>mm</i>		Gorman, et al., "The rous Sarcoma Virus Long Terminal Repeat is a Strong Promoter when Introduced into a Variety of Eukaryotic Cells by DNA-mediated Transfection", <u>Proc. Natl. Acad. Sci.</u> <b>79</b> , pp. 6777-6781 (1982)
<i>mm</i>		Chen, et al., "Requirements for CD4 <sup>+</sup> Cells and Gamma Interferon in Resolution of Established Cryptosporidium Parvum Infection in Mice", <u>Infection and Immunity</u> , pp. 3928-3932 (1993)

*MM Mansfield 9/22/04*



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		Chen, et al., "Gamma Interferon Functions in Resistance to Cryptosporidium Parvum Infection in Severe Combined Immunodeficient Mice", <u>Infection and Immunity</u> , pp. 3548-3551 (1993)	
		Brinster, et al., "Regulation of Metallothionein-thymidine Kinase Fusion Plasmids Injected into Mouse Eggs", <u>Nature</u> 296, pp. 39-42 (1982)	
		Seed, "An LFA-3 cDNA Encodes a Phospholipid-linked Membrane Protein Homologous to its Receptor CD2", <u>Nature</u> 329, pp. 840-842 (1987)	
		Tang, et al., "Genetic Immunization is a Simple Method for Eliciting an Immune Response", <u>Nature</u> 356, pp. 152-154 (1992)	
		Ohmann, et al., "Alteration of Some Leukocyte Functions Following In Vivo and In Vitro Exposure to Recombinant Bovine Alpha- and Gamma-Interferon", <u>Journal of Interferon Research</u> 6, pp. 123-136 (1986)	
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		Harp, et al., "Development of Cellular Immune Functions in Neonatal to Weanling Mice: Relationship to Cryptosporidium Parvum Infection", <u>J. Parasitol.</u> 82(2), pp. 245-249 (1996)	
		Sprague, et al., "Expression of a Recombinant DNA Gene Coding for the Vesicular Stomatitis Virus Nucleocapsid Protein", <u>Journal of Virology</u> 45(2), pp. 773-781 (1983)	
		Stacey, et al., "Comparison of Myeloproliferative Sarcoma Virus with Moloney Murine Sarcoma Virus Variants by Nucleotide Sequencing and Heteroduplex Analysis", <u>Journal of Virology</u> 50(3), pp. 725-732 (1984)	
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